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 NEWS  4  Feb 24  TEMA now available on STN
 NEWS  5  Feb 26  NTIS now allows simultaneous left and right truncation
 NEWS  6  Feb 26  PCTFULL now contains images
 NEWS  7  Mar 04  SDI PACKAGE for monthly delivery of multifile SDI results
 NEWS  8  Mar 24  PATDPAFULL now available on STN
 NEWS  9  Mar 24  Additional information for trade-named substances without
                  structures available in REGISTRY
 NEWS 10  Apr 11  Display formats in DGENE enhanced
 NEWS 11  Apr 14  MEDLINE Reload
 NEWS 12  Apr 17  Polymer searching in REGISTRY enhanced
 NEWS 13  Jun 13  Indexing from 1947 to 1956 added to records in CA/CAPLUS
 NEWS 14  Apr 21  New current-awareness alert (SDI) frequency in
                  WPIDS/WPINDEX/WPIX
 NEWS 15  Apr 28  RDISCLOSURE now available on STN
 NEWS 16  May 05  Pharmacokinetic information and systematic chemical names
                  added to PHAR
 NEWS 17  May 15  MEDLINE file segment of TOXCENTER reloaded
 NEWS 18  May 15  Supporter information for ENCOMPPAT and ENCOMPLIT updated
 NEWS 19  May 19  Simultaneous left and right truncation added to WSCA
 NEWS 20  May 19  RAPRA enhanced with new search field, simultaneous left and
                  right truncation
 NEWS 21  Jun 06  Simultaneous left and right truncation added to CBNB
 NEWS 22  Jun 06  PASCAL enhanced with additional data
 NEWS 23  Jun 20  2003 edition of the FSTA Thesaurus is now available
 NEWS 24  Jun 25  HSDB has been reloaded

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
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 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)
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FILE 'HOME' ENTERED AT 16:43:00 ON 14 JUL 2003

=> file medline, agricola, caba, caplus, biosis, biotechno
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FILE 'MEDLINE' ENTERED AT 16:43:13 ON 14 JUL 2003

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=> s (neff, m? or neff m?)/au
L1          301 (NEFF, M? OR NEFF M?)/AU

=> s (chory, j? or chory j?)/au
L2          624 (CHORY, J? OR CHORY J?)/AU

=> s l1 and l2
L3           35 L1 AND L2

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PROCESSING COMPLETED FOR L3
L4             9 DUPLICATE REMOVE L3 (26 DUPLICATES REMOVED)

=> d l4 1-9 ti

L4   ANSWER 1 OF 9  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Genetically modified plants having modulated brassinosteroid signaling.

L4   ANSWER 2 OF 9  CAPLUS  COPYRIGHT 2003 ACS
TI   Arabidopsis CYP72B1 cytochrome P450 and cDNA and transgenic plants with
     altered brassinosteroid signaling

L4   ANSWER 3 OF 9     MEDLINE                          DUPLICATE 1
TI   Activation tagging in Arabidopsis.

L4   ANSWER 4 OF 9     MEDLINE                          DUPLICATE 2
TI   Light: an indicator of time and place.

L4   ANSWER 5 OF 9  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Steroid hormones in plant development.

L4   ANSWER 6 OF 9     MEDLINE                          DUPLICATE 3
TI   BAS1: A gene regulating brassinosteroid levels and light responsiveness in
     Arabidopsis.
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L4 ANSWER 7 OF 9 MEDLINE DUPLICATE 4
TI dCAPS, a simple technique for the genetic analysis of single nucleotide polymorphisms: experimental applications in Arabidopsis thaliana genetics.

L4 ANSWER 8 OF 9 MEDLINE DUPLICATE 5
TI Genetic interactions between phytochrome A, phytochrome B, and cryptochrome 1 during Arabidopsis development.

L4 ANSWER 9 OF 9 MEDLINE DUPLICATE 6
TI From seed germination to flowering, light controls plant development via the pigment phytochrome.

=> d l9 1-6 bib
L9 NOT FOUND
The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> d l4 1-6 bib

L4 ANSWER 1 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:194165 BIOSIS
DN PREV200300194165
TI Genetically modified plants having modulated brassinosteroid signaling.
AU **Neff, Michael M. (1); Chory, Joanne**
CS (1) St. Louis, MO, USA USA
ASSIGNEE: The Salk Institute for Biological Studies
PI US 6534313 March 18, 2003
SO Official Gazette of the United States Patent and Trademark Office Patents, (Mar. 18 2003) Vol. 1268, No. 3, pp. No Pagination.
http://www.uspto.gov/web/menu/patdata.html. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L4 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2003 ACS
AN 2000:666856 CAPLUS
DN 133:248073
TI Arabidopsis CYP72B1 cytochrome P450 and cDNA and transgenic plants with altered brassinosteroid signaling
IN **Neff, Michael M.; Chory, Joanne**
PA The Salk Institute for Biological Studies, USA
SO PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055302	A2	20000921	WO 2000-US6915	20000316
	WO 2000055302	A3	20010111		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1163324	A2	20011219	EP 2000-918007	20000316
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002538817	T2	20021119	JP 2000-605720	20000316

	US 6534313	B1	20030318	US 2000-527073	20000316
	US 2002073446	A1	20020613	US 2001-992901	20011114
PRAI	US 1999-124570P	P	19990316		
	US 1999-170931P	P	19991214		
	US 1999-172832P	P	19991220		
	US 2000-527073	A3	20000316		
	WO 2000-US6915	W	20000316		

L4 ANSWER 3 OF 9 MEDLINE DUPLICATE 1
AN 2000223715 MEDLINE
DN 20223715 PubMed ID: 10759496
TI Activation tagging in Arabidopsis.
AU Weigel D; Ahn J H; Blazquez M A; Borevitz J O; Christensen S K; Fankhauser C; Ferrandiz C; Kardailsky I; Malancharuvil E J; **Neff M M**; Nguyen J T; Sato S; Wang Z Y; Xia Y; Dixon R A; Harrison M J; Lamb C J; Yanofsky M F; **Chory J**
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, California 92037, USA.. weigel@salk.edu
NC GM52413 (NIGMS)
SO PLANT PHYSIOLOGY, (2000 Apr) 122 (4) 1003-13.
Journal code: 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200007
ED Entered STN: 20000810
Last Updated on STN: 20000810
Entered Medline: 20000726

L4 ANSWER 4 OF 9 MEDLINE DUPLICATE 2
AN 2000139415 MEDLINE
DN 20139415 PubMed ID: 10673498
TI Light: an indicator of time and place.
AU **Neff M M**; Fankhauser C; **Chory J**
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, La Jolla, California 92037, USA.
SO GENES AND DEVELOPMENT, (2000 Feb 1) 14 (3) 257-71. Ref: 180
Journal code: 8711660. ISSN: 0890-9369.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LA English
FS Priority Journals; Space Life Sciences
EM 200003
ED Entered STN: 20000330
Last Updated on STN: 20000330
Entered Medline: 20000317

L4 ANSWER 5 OF 9 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:347354 BIOSIS
DN PREV200000347354
TI Steroid hormones in plant development.
AU **Chory, J. (1)**; Cheong, H. (1); Friedrichsen, D. (1); **Neff, M. (1)**; Schumacher, K. (1); Wang, Z. (1); Yin, Y. (1)
CS (1) Plant Biology Laboratory, Howard Hughes Medical Institute, Salk Institute, La Jolla, CA, 92037 USA
SO Developmental Biology, (June 1, 2000) Vol. 222, No. 1, pp. 227. print.
Meeting Info.: Fifty-ninth Annual Meeting of the Society for Developmental Biology Boulder, Colorado, USA June 07-11, 2000 Society for Developmental Biology
. ISSN: 0012-1606.
DT Conference
LA English

SL English

L4 ANSWER 6 OF 9 MEDLINE DUPLICATE 3
AN 2000079651 MEDLINE
DN 20079651 PubMed ID: 10611382
TI BAS1: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis.
AU **Neff M M**; Nguyen S M; Malancharuvil E J; Fujioka S; Noguchi T; Seto H; Tsubuki M; Honda T; Takatsuto S; Yoshida S; **Chory J**
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA.
NC GM17577 (NIGMS)
R01GM52413 (NIGMS)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Dec 21) 96 (26) 15316-23.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 200001
ED Entered STN: 20000204
Last Updated on STN: 20000204
Entered Medline: 20000127

=> d his

(FILE 'HOME' ENTERED AT 16:43:00 ON 14 JUL 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 16:43:13 ON 14 JUL 2003
L1 301 S (NEFF, M? OR NEFF M?)/AU
L2 624 S (CHORY, J? OR CHORY J?)/AU
L3 35 S L1 AND L2
L4 9 DUPLICATE REMOVE L3 (26 DUPLICATES REMOVED)

=> s bas1 and plant
L5 28 BAS1 AND PLANT

=> s bas1
L6 157 BAS1

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L7 13 DUPLICATE REMOVE L5 MEDLINE (15 DUPLICATES REMOVED)

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PROCESSING COMPLETED FOR L5
L8 13 DUPLICATE REMOVE L5 (15 DUPLICATES REMOVED)

=> d l8 1-13 ti

L8 ANSWER 1 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Genetically modified plants having modulated brassinosteroid signaling.

L8 ANSWER 2 OF 13 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)
TI Organ-specific expression of brassinosteroid-biosynthetic genes and distribution of endogenous brassinosteroids in Arabidopsis.

L8 ANSWER 3 OF 13 MEDLINE
TI The **plant**-specific function of 2-Cys peroxiredoxin-mediated detoxification of peroxides in the redox-hierarchy of photosynthetic electron flux.

L8 ANSWER 4 OF 13 MEDLINE DUPLICATE 1
TI The plastidic 2-cysteine peroxiredoxin is a target for a thioredoxin involved in the protection of the photosynthetic apparatus against oxidative damage.

L8 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI A genomics approach to the early stages of triterpene saponin biosynthesis in Medicago truncatula

L8 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI A new class of oxidosqualene cyclases directs synthesis of antimicrobial phytoprotectants in monocots

L8 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Overexpression of DWARF4 in the brassinosteroid biosynthetic pathway results in increased vegetative growth and seed yield in Arabidopsis

L8 ANSWER 8 OF 13 MEDLINE
TI Redox-regulation of the expression of the peroxide-detoxifying chloroplast 2-cys peroxiredoxin in the liverwort Riccia fluitans.

L8 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Arabidopsis CYP72B1 cytochrome P450 and cDNA and transgenic plants with altered brassinosteroid signaling

L8 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
TI Activation tagging in Arabidopsis

L8 ANSWER 11 OF 13 MEDLINE DUPLICATE 2
TI **BAS1**: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis.

L8 ANSWER 12 OF 13 MEDLINE DUPLICATE 3
TI The **plant** 2-Cys peroxiredoxin **BAS1** is a nuclear-encoded chloroplast protein: its expressional regulation, phylogenetic origin, and implications for its specific physiological function in plants.

L8 ANSWER 13 OF 13 MEDLINE DUPLICATE 4
TI Primary structure and expression of **plant** homologues of animal and fungal thioredoxin-dependent peroxide reductases and bacterial alkyl hydroperoxide reductases.

=> d l8 1-13 bib

L8 ANSWER 1 OF 13 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:194165 BIOSIS
DN PREV200300194165
TI Genetically modified plants having modulated brassinosteroid signaling.
AU Neff, Michael M. (1); Chory, Joanne
CS (1) St. Louis, MO, USA USA

ASSIGNEE: The Salk Institute for Biological Studies
PI US 6534313 March 18, 2003
SO Official Gazette of the United States Patent and Trademark Office Patents, (Mar. 18 2003) Vol. 1268, No. 3, pp. No Pagination. http://www.uspto.gov/web/menu/patdata.html. e-file. ISSN: 0098-1133.
DT Patent
LA English

L8 ANSWER 2 OF 13 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)
AN 2003:37490 AGRICOLA
DN IND23329439
TI Organ-specific expression of brassinosteroid-biosynthetic genes and distribution of endogenous brassinosteroids in Arabidopsis.
AU Shimada, Y.; Goda, H.; Nakamura, A.; Takatsuto, S.; Fujioka, S.; Yoshida, S.
AV DNAL (450 P692)
SO Plant physiology, Jan 2003. Vol. 131, No. 1. p. 287-297 Publisher: Rockville, MD : American Society of Plant Physiologists, 1926- CODEN: PLPHAY; ISSN: 0032-0889
NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L8 ANSWER 3 OF 13 MEDLINE
AN 2002223203 MEDLINE
DN 21957146 PubMed ID: 11929977
TI The **plant**-specific function of 2-Cys peroxiredoxin-mediated detoxification of peroxides in the redox-hierarchy of photosynthetic electron flux.
AU Konig Janine; Baier Margarete; Horling Frank; Kahmann Uwe; Harris Gary; Schurmann Peter; Dietz Karl-Josef
CS Physiology and Biochemistry of Plants, University of Bielefeld, 33501 Bielefeld, Germany.
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (2002 Apr 16) 99 (8) 5738-43. Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200206
ED Entered STN: 20020418
Last Updated on STN: 20030105
Entered Medline: 20020614

L8 ANSWER 4 OF 13 MEDLINE DUPLICATE 1
AN 2002419887 MEDLINE
DN 22080146 PubMed ID: 12084836
TI The plastidic 2-cysteine peroxiredoxin is a target for a thioredoxin involved in the protection of the photosynthetic apparatus against oxidative damage.
AU Broin Melanie; Cuine Stephan; Eymery Francoise; Rey Pascal
CS Commissariat a l'Energie Atomique/Cadarache, Direction des Sciences du Vivant, Departement d'Ecophysiologie Vegetale et de Microbiologie, Universite de la Mediterranee CEA 1000, 13108 Saint-Paul-lez-Durance Cedex, France.
SO PLANT CELL, (2002 Jun) 14 (6) 1417-32. Journal code: 9208688. ISSN: 1040-4651.
CY United States

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AC009978; GENBANK-AJ318055; GENBANK-Y09987; GENBANK-Q96291; SWISSPROT
EM 200209
ED Entered STN: 20020815
Last Updated on STN: 20020924
Entered Medline: 20020923

L8 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2003:81396 CAPLUS
DN 138:398724
TI A genomics approach to the early stages of triterpene saponin biosynthesis in Medicago truncatula
AU Suzuki, Hideyuki; Achnine, Lahoucine; Xu, Ran; Matsuda, Seiichi P. T.; Dixon, Richard A.
CS Plant Biology Division, The Samuel Roberts Noble Foundation, Ardmore, OK, 73401, USA
SO Plant Journal (2002), 32(6), 1033-1048
CODEN: PLJUED; ISSN: 0960-7412
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2001:858384 CAPLUS
DN 136:131544
TI A new class of oxidosqualene cyclases directs synthesis of antimicrobial phytoprotectants in monocots
AU Haralampidis, K.; Bryan, G.; Qi, X.; Papadopoulou, K.; Bakht, S.; Melton, R.; Osbourn, A.
CS Sainsbury Laboratory, John Innes Centre, Norwich, NR4 7UH, UK
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(23), 13431-13436
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2001:605831 CAPLUS
DN 135:353475
TI Overexpression of DWARF4 in the brassinosteroid biosynthetic pathway results in increased vegetative growth and seed yield in Arabidopsis
AU Choe, Sunghwa; Fujioka, Shozo; Noguchi, Takahiro; Takatsuto, Suguru; Yoshida, Shigeo; Feldmann, Kenneth A.
CS Department of Plant Sciences, University of Arizona, Tucson, AZ, 85721, USA
SO Plant Journal (2001), 26(6), 573-582
CODEN: PLJUED; ISSN: 0960-7412
PB Blackwell Science Ltd.
DT Journal
LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 13 MEDLINE
AN 2002073928 MEDLINE
DN 21658625 PubMed ID: 11800396
TI Redox-regulation of the expression of the peroxide-detoxifying chloroplast

2-cys peroxiredoxin in the liverwort Riccia fluitans.
AU Horling F; Baier M; Dietz K J
CS Department of Physiology and Biochemistry of Plants, Universitat Bielefeld, Germany.
SO PLANTA, (2001 Dec) 214 (2) 304-13.
Journal code: 1250576. ISSN: 0032-0935.
CY Germany: Germany, Federal Republic of
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-AJ005006
EM 200205
ED Entered STN: 20020125
Last Updated on STN: 20020511
Entered Medline: 20020510

L8 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2000:666856 CAPLUS
DN 133:248073
TI Arabidopsis CYP72B1 cytochrome P450 and cDNA and transgenic plants with altered brassinosteroid signaling
IN Neff, Michael M.; Chory, Joanne
PA The Salk Institute for Biological Studies, USA
SO PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055302	A2	20000921	WO 2000-US6915	20000316
	WO 2000055302	A3	20010111		
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002538817	T2	20021119	JP 2000-605720	20000316
	US 6534313	B1	20030318	US 2000-527073	20000316
	US 2002073446	A1	20020613	US 2001-992901	20011114
PRAI	US 1999-124570P	P	19990316		
	US 1999-170931P	P	19991214		
	US 1999-172832P	P	19991220		
	US 2000-527073	A3	20000316		
	WO 2000-US6915	W	20000316		

L8 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2000:410968 CAPLUS
DN 133:330171
TI Activation tagging in Arabidopsis
AU Weigel, Detlef; Ahn, Ji Hoon; Blazquez, Miguel A.; Borevitz, Justin O.; Christensen, Sioux K.; Fankhauser, Christian; Ferrandiz, Cristina; Kardailsky, Igor; Malancharuvil, Elizabeth J.; Neff, Michael M.; Nguyen, Jasmine Thuy; Sato, Shusei; Wang, Zhi-Yong; Xia, Yiji; Dixon, Richard A.; Harrison, Maria J.; Lamb, Chris J.; Yanofsky, Martin F.; Chory, Joanne
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, La Jolla, CA, 92037, USA
SO Plant Physiology (2000), 122(4), 1003-1013

CODEN: PLPHAY; ISSN: 0032-0889
PB American Society of Plant Physiologists
DT Journal
LA English
RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 11 OF 13 MEDLINE DUPLICATE 2
AN 2000079651 MEDLINE
DN 20079651 PubMed ID: 10611382
TI **BAS1**: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis.
AU Neff M M; Nguyen S M; Malancharuvil E J; Fujioka S; Noguchi T; Seto H; Tsubuki M; Honda T; Takatsuto S; Yoshida S; Chory J
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA.
NC GM17577 (NIGMS)
RO1GM52413 (NIGMS)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Dec 21) 96 (26) 15316-23.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals; Space Life Sciences
EM 200001
ED Entered STN: 20000204
Last Updated on STN: 20000204
Entered Medline: 20000127

L8 ANSWER 12 OF 13 MEDLINE DUPLICATE 3
AN 97408940 MEDLINE
DN 97408940 PubMed ID: 9263459
TI The **plant** 2-Cys peroxiredoxin **BAS1** is a nuclear-encoded chloroplast protein: its expressional regulation, phylogenetic origin, and implications for its specific physiological function in plants.
AU Baier M; Dietz K J
CS Julius-von-Sachs-Institut fur Biowissenschaften, Universitat, Wurzburg, Germany.
SO PLANT JOURNAL, (1997 Jul) 12 (1) 179-90.
Journal code: 9207397. ISSN: 0960-7412.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
OS GENBANK-D64000; GENBANK-U38804; GENBANK-X94219; GENBANK-Z34917
EM 199710
ED Entered STN: 19971021
Last Updated on STN: 19971021
Entered Medline: 19971006

L8 ANSWER 13 OF 13 MEDLINE DUPLICATE 4
AN 96382424 MEDLINE
DN 96382424 PubMed ID: 8790288
TI Primary structure and expression of **plant** homologues of animal and fungal thioredoxin-dependent peroxide reductases and bacterial alkyl hydroperoxide reductases.
AU Baier M; Dietz K J
CS Julius-von-Sachs-Institut fur Biowissenschaften, Lehrstuhl fur Botanik I, Wurzburg, Germany.
SO PLANT MOLECULAR BIOLOGY, (1996 Jun) 31 (3) 553-64.
Journal code: 9106343. ISSN: 0167-4412.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
OS GENBANK-X94219; GENBANK-Z34917
EM 199610
ED Entered STN: 19961106
Last Updated on STN: 19961106
Entered Medline: 19961022

=> d his

(FILE 'HOME' ENTERED AT 16:43:00 ON 14 JUL 2003)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 16:43:13 ON 14 JUL 2003

L1 301 S (NEFF, M? OR NEFF M?)/AU
L2 624 S (CHORY, J? OR CHORY J?)/AU
L3 35 S L1 AND L2
L4 9 DUPLICATE REMOVE L3 (26 DUPLICATES REMOVED)
L5 28 S BAS1 AND PLANT
L6 157 S BAS1
L7 13 DUPLICATE REMOVE L5 MEDLINE (15 DUPLICATES REMOVED)
L8 13 DUPLICATE REMOVE L5 (15 DUPLICATES REMOVED)

=> s brassinosteroid and cytochrome
L9 92 BRASSINOSTEROID AND CYTOCHROME

=> s l9 not l5
L10 87 L9 NOT L5

=> duplicate remove l10
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L10
L11 35 DUPLICATE REMOVE L10 (52 DUPLICATES REMOVED)

=> d l11 1-10 ti

L11 ANSWER 1 OF 35 MEDLINE
TI Organ-specific expression of **brassinosteroid**-biosynthetic genes and distribution of endogenous brassinosteroids in Arabidopsis.

L11 ANSWER 2 OF 35 MEDLINE DUPLICATE 1
TI Triadimefon, a fungicidal triazole-type P450 inhibitor, induces **brassinosteroid** deficiency-like phenotypes in plants and binds to DWF4 protein in the **brassinosteroid** biosynthesis pathway.

L11 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Cloning, characterization and use of pea **cytochrome** P 450 hydroxylase involved in **brassinosteroid** biosynthesis of plants

L11 ANSWER 4 OF 35 MEDLINE DUPLICATE 2
TI A specific and potent inhibitor of **brassinosteroid** biosynthesis possessing a dioxolane ring.

L11 ANSWER 5 OF 35 MEDLINE DUPLICATE 3
TI Microarray analysis of **brassinosteroid**-regulated genes in Arabidopsis.

L11 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Identification and transformation of campestanol in cultured cells of Phaseolus vulgaris

L11 ANSWER 7 OF 35 MEDLINE DUPLICATE 4
TI Regulation of transcript levels of the Arabidopsis **cytochrome**

p450 genes involved in **brassinosteroid** biosynthesis.

L11 ANSWER 8 OF 35 CABA COPYRIGHT 2003 CABI
TI Loss-of-function of a rice **brassinosteroid** biosynthetic enzyme, C-6 oxidase, prevents the organized arrangement and polar elongation of cells in the leaves and stem.

L11 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Regulation of plant growth by light-growth hormone interactions

L11 ANSWER 10 OF 35 MEDLINE
TI Integration of light and **brassinosteroid** signals in etiolated seedling growth.

=> d l11 2,3,4,6 bib'
'BIB'' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):bib

L11 ANSWER 2 OF 35 MEDLINE DUPLICATE 1
AN 2002713183 MEDLINE
DN 22363212 PubMed ID: 12350224
TI Triadimefon, a fungicidal triazole-type P450 inhibitor, induces **brassinosteroid** deficiency-like phenotypes in plants and binds to DWF4 protein in the **brassinosteroid** biosynthesis pathway.
AU Asami Tadao; Mizutani Masaharu; Shimada Yukihisa; Goda Hideki; Kitahata Nobutaka; Sekimata Katsuhiko; Han Sun-Young; Fujioka Shozo; Takatsuto Suguru; Sakata Kanzo; Yoshida Shigeo
CS RIKEN, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan..
tasami@postman.riken.go.jp
SO BIOCHEMICAL JOURNAL, (2003 Jan 1) 369 (Pt 1) 71-6.
Journal code: 2984726R. ISSN: 0264-6021.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200301
ED Entered STN: 20021217
Last Updated on STN: 20030202
Entered Medline: 20030131

L11 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2003 ACS
AN 2002:406956 CAPLUS
DN 137:2409
TI Cloning, characterization and use of pea **cytochrome** P 450 hydroxylase involved in **brassinosteroid** biosynthesis of plants
IN Kang, Jeong-Gu; Park, Chung Mo
PA Korea Kumho Petrochemical Co., Ltd., S. Korea
SO Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1209227	A2	20020529	EP 2001-305677	20010629
	EP 1209227	A3	20020605		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2002345483	A2	20021203	JP 2001-208839	20010710
PRAI	KR 2000-64561	A	20001101		

L11 ANSWER 4 OF 35 MEDLINE DUPLICATE 2
AN 2002313827 MEDLINE
DN 22030555 PubMed ID: 12033815
TI A specific and potent inhibitor of **brassinosteroid** biosynthesis possessing a dioxolane ring.
AU Sekimata Katsuhiko; Han Sun-Young; Yoneyama Koichi; Takeuchi Yasutomo; Yoshida Shigeo; Asami Tadao
CS Graduate School of Science and Engineering, Saitama University, Saitama 338-8570, Japan.
SO JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, (2002 Jun 5) 50 (12) 3486-90. Journal code: 0374755. ISSN: 0021-8561.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200207
ED Entered STN: 20020612
Last Updated on STN: 20020713
Entered Medline: 20020712

L11 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2003 ACS
AN 2002:670175 CAPLUS
DN 138:86570
TI Identification and transformation of campestanol in cultured cells of Phaseolus vulgaris
AU Joo, Se-Hwan; Sup, Yun Hye; Kim, Tae-Wuk; Kim, Young-Soo; Kim, Seong-Ki
CS Department of Life Science, Chung-Ang University, Seoul, 156-756, S. Korea
SO Bulletin of the Korean Chemical Society (2002), 23(7), 1035-1038 CODEN: BKCSDE; ISSN: 0253-2964
PB Korean Chemical Society
DT Journal
LA English
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l11 11-20 ti

L11 ANSWER 11 OF 35 MEDLINE DUPLICATE 5
TI Selective interaction of triazole derivatives with DWF4, a **cytochrome** P450 monooxygenase of the **brassinosteroid** biosynthetic pathway, correlates with **brassinosteroid** deficiency in planta.

L11 ANSWER 12 OF 35 MEDLINE DUPLICATE 6
TI **Brassinosteroid**-6-oxidases from Arabidopsis and tomato catalyze multiple C-6 oxidations in **brassinosteroid** biosynthesis.

L11 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Metabolism of typhasterol, a **brassinosteroid**, in suspension cultured cells of Marchantia polymorpha

L11 ANSWER 14 OF 35 MEDLINE DUPLICATE 7
TI Light and **brassinosteroid** signals are integrated via a dark-induced small G protein in etiolated seedling growth.

L11 ANSWER 15 OF 35 MEDLINE
TI Overexpression of DWARF4 in the **brassinosteroid** biosynthetic pathway results in increased vegetative growth and seed yield in Arabidopsis.

L11 ANSWER 16 OF 35 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.

(2003) DUPLICATE 8
TI Intergration of light and **brassinosteroid** signals in etiolated seedling growth.

L11 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Enzymes involved in the biosynthesis of brassinosteroids.

L11 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 9
TI Plant steroid hormones, brassinosteroids: Current highlights of molecular aspects of their synthesis/metabolism, transport, perception and response

L11 ANSWER 19 OF 35 MEDLINE DUPLICATE 10
TI Obtusifoliol 14alpha-demethylase (CYP51) antisense Arabidopsis shows slow growth and long life.

L11 ANSWER 20 OF 35 MEDLINE
TI BIN2, a new **brassinosteroid**-insensitive locus in Arabidopsis.

=> d l11 11,12,15,17,18 bib

L11 ANSWER 11 OF 35 MEDLINE DUPLICATE 5
AN 2001410840 MEDLINE
DN 21336554 PubMed ID: 11319239
TI Selective interaction of triazole derivatives with DWF4, a **cytochrome** P450 monooxygenase of the **brassinosteroid** biosynthetic pathway, correlates with **brassinosteroid** deficiency in planta.
AU Asami T; Mizutani M; Fujioka S; Goda H; Min Y K; Shimada Y; Nakano T; Takatsuto S; Matsuyama T; Nagata N; Sakata K; Yoshida S
CS RIKEN, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan..
tasami@postman.riken.go.jp
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (2001 Jul 13) 276 (28) 25687-91.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010820
Last Updated on STN: 20030105
Entered Medline: 20010816

L11 ANSWER 12 OF 35 MEDLINE DUPLICATE 6
AN 2001334420 MEDLINE
DN 21295570 PubMed ID: 11402205
TI **Brassinosteroid**-6-oxidases from Arabidopsis and tomato catalyze multiple C-6 oxidations in **brassinosteroid** biosynthesis.
AU Shimada Y; Fujioka S; Miyauchi N; Kushiro M; Takatsuto S; Nomura T; Yokota T; Kamiya Y; Bishop G J; Yoshida S
CS Plant Science Center, RIKEN, Wako-shi, Saitama 351-0198, Japan..
shimada@postman.riken
SO PLANT PHYSIOLOGY, (2001 Jun) 126 (2) 770-9.
Journal code: 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20011015
Last Updated on STN: 20011015
Entered Medline: 20011011

L11 ANSWER 15 OF 35 MEDLINE
AN 2001470355 MEDLINE

DN 21382905 PubMed ID: 11489171
TI Overexpression of DWARF4 in the **brassinosteroid** biosynthetic pathway results in increased vegetative growth and seed yield in Arabidopsis.
AU Choe S; Fujioka S; Noguchi T; Takatsuto S; Yoshida S; Feldmann K A
CS Department of Plant Sciences, University of Arizona, Tucson, Arizona 85721, USA.
SO PLANT JOURNAL, (2001 Jun) 26 (6) 573-82.
Journal code: 9207397. ISSN: 0960-7412.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200110
ED Entered STN: 20010823
Last Updated on STN: 20011008
Entered Medline: 20011004

L11 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2003 ACS
AN 2002:147183 CAPLUS
DN 136:337701
TI Enzymes involved in the biosynthesis of brassinosteroids.
AU Winter, Jochen
CS Max-Planck-Institut fur Zuchtungsforschung, Carl-von-Linne-Weg 10, Koln, D-50829, Germany
SO Studies in Natural Products Chemistry (2001), 25(Bioactive Natural Products (Part F)), 413-428
CODEN: SNPCE2
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 9
AN 2001:158484 CAPLUS
DN 134:277870
TI Plant steroid hormones, brassinosteroids: Current highlights of molecular aspects of their synthesis/metabolism, transport, perception and response
AU Bishop, Gerard J.; Yokota, Takao
CS Institute of Biological Sciences, University of Wales Aberystwyth, University of Wales, Aberystwyth, SY23 3DD, UK
SO Plant and Cell Physiology (2001), 42(2), 114-120
CODEN: PCPHA5; ISSN: 0032-0781
PB Japanese Society of Plant Physiologists
DT Journal; General Review
LA English
RE.CNT 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l11 21-35 ti

L11 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Protein and cDNA sequences of Arabidopsis DWF4 gene encoding a **cytochrome** P450 that mediates multiple 22α-hydroxylation steps in **brassinosteroid** biosynthesis, and uses thereof

L11 ANSWER 22 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Molecular and genetic analysis of the **brassinosteroid** signal transduction pathways.

L11 ANSWER 23 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Nucleic acid molecules encoding **cytochrome** P450-type proteins involved in the **brassinosteroid** synthesis in plants.

L11 ANSWER 24 OF 35 CABA COPYRIGHT 2003 CABI DUPLICATE 11
TI BAS1: a gene regulating **brassinosteroid** levels and light responsiveness in Arabidopsis.

L11 ANSWER 25 OF 35 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 12
TI The tomato DWARF enzyme catalyses C-6 oxidation in **brassinosteroid** biosynthesis.

L11 ANSWER 26 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI The tomato DWARF enzyme catalyses C-6 oxidation in **brassinosteroid** biosynthesis.

L11 ANSWER 27 OF 35 CABA COPYRIGHT 2003 CABI DUPLICATE 13
TI **Cytochrome** P450s involved in gibberellin and **brassinosteroid** biosyntheses.

L11 ANSWER 28 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A triazole **brassinosteroid** biosynthesis inhibitor that targets a cytchrome P450.

L11 ANSWER 29 OF 35 MEDLINE DUPLICATE 14
TI Control of cell elongation and stress responses by steroid hormones and carbon catabolic repression in plants.

L11 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 15
TI Transcription of the Arabidopsis CPD gene, encoding a steroidogenic **cytochrome** P450, is negatively controlled by brassinosteroids

L11 ANSWER 31 OF 35 MEDLINE DUPLICATE 16
TI The DWF4 gene of Arabidopsis encodes a **cytochrome** P450 that mediates multiple 22alpha-hydroxylation steps in **brassinosteroid** biosynthesis.

L11 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Cloning of cDNA and gene for **cytochrome** P450-type hydroxylase involved in the **brassinosteroid** synthesis in plants and use of P450 for plant growth regulation

L11 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2003 ACS
TI Role of a **cytochrome** P450-dependent monooxygenase in the hydroxylation of 24-epi-brassinolide

L11 ANSWER 34 OF 35 MEDLINE DUPLICATE 17
TI Brassinosteroids rescue the deficiency of CYP90, a **cytochrome** P450, controlling cell elongation and de-etiolation in Arabidopsis.

L11 ANSWER 35 OF 35 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003) DUPLICATE 18
TI Metabolic conversion of 24-epi-brassinolide into pentahydroxylated **brassinosteroid** glucosides in tomato cell cultures.

=> d l11 21-24,27,32 bib

L11 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2003 ACS
AN 2000:573915 CAPLUS
DN 133:161872
TI Protein and cDNA sequences of Arabidopsis DWF4 gene encoding a **cytochrome** P450 that mediates multiple 22α-hydroxylation

steps in **brassinosteroid** biosynthesis, and uses thereof
IN Azpiroz, Ricardo; Choe, Sunghwa; Feldmann, Kenneth A.
PA The Arizona Board of Regents On Behalf of the University of Arizona, USA
SO PCT Int. Appl., 113 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000047715	A2	20000817	WO 2000-US3820	20000211
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 2000040010	A5	20000829	AU 2000-40010	20000211
	EP 1173547	A2	20020123	EP 2000-919299	20000211
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	US 1999-119657P	P	19990211		
	US 1999-119658P	P	19990211		
	WO 2000-US3820	W	20000211		

L11 ANSWER 22 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2003:76269 BIOSIS
DN PREV200300076269
TI Molecular and genetic analysis of the **brassinosteroid** signal transduction pathways.
AU Wang, Zhi-Yong (1); Vafeados, Dionne (1); Cheong, Hyeonsook (1); Redfern, Joanna (1); Friedrichsen, Danielle (1); Chory, Joanne (1)
CS (1) Plant Biology Laboratory, Howard Hughes Medical Institute, Salk Institute, La Jolla, CA, 92037, USA: zwang@ems.salk.edu USA
SO Plant Biology (Rockville), (2000) Vol. 2000, pp. 149. print.
Meeting Info.: Annual Meeting of the American Society of Plant Physiologists San Diego, California, USA July 15-19, 2000 American Society of Plant Physiologists (ASPP)
.
DT Conference
LA English

L11 ANSWER 23 OF 35 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:1381 BIOSIS
DN PREV200000001381
TI Nucleic acid molecules encoding **cytochrome** P450-type proteins involved in the **brassinosteroid** synthesis in plants.
AU Koncz, Csaba (1); Mathur, Jaideep; Szekeres, Miklos; Altmann, Thomas
CS (1) Koln West Germany
ASSIGNEE: Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.
PI US 5952545 Sep. 14, 1999
SO Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 14, 1999) Vol. 1226, No. 2, pp. No pagination.
ISSN: 0098-1133.
DT Patent
LA English

L11 ANSWER 24 OF 35 CABA COPYRIGHT 2003 CABI DUPLICATE 11
AN 2000:30512 CABA
DN 20001607193
TI BAS1: a gene regulating **brassinosteroid** levels and light responsiveness in Arabidopsis

AU Neff, M. M.; Nguyen, S. M.; Malancharuvil, E. J.; Fujioka, S.; Noguchi, T.; Seto, H.; Tsubuki, M.; Honda, T.; Takatsuto, S.; Yoshida, S.; Chory, J.
CS Plant Biology Laboratory, Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA.
SO Proceedings of the National Academy of Sciences of the United States of America, (1999) Vol. 96, No. 26, pp. 15316-15323. 49 ref.
ISSN: 0027-8424
DT Journal
LA English

L11 ANSWER 27 OF 35 CABA COPYRIGHT 2003 CABI DUPLICATE 13
AN 2000:25345 CABA
DN 20000705612
TI **Cytochrome** P450s involved in gibberellin and **brassinosteroid** biosyntheses
AU Kamiya, Y.
CS Frontier Research Program, The Institute of Physical & Chemical Research Riken, Japan.
SO Nippon Nogeikagaku Kaishi, (1999) Vol. 73, No. 10, pp. 1030-1034. 20 ref.
ISSN: 0002-1407
DT Journal
LA Japanese

L11 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2003 ACS
AN 1997:650459 CAPLUS
DN 127:304118
TI Cloning of cDNA and gene for **cytochrome** P450-type hydroxylase involved in the **brassinosteroid** synthesis in plants and use of P450 for plant growth regulation
IN Koncz, Csaba; Szekeres, Miklos; Altmann, Thomas; Mathur, Jaideep
PA Max-Planck-Gesellschaft Zur Forderung Der Wissenschaften E.V., Germany
SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9735986	A1	19971002	WO 1997-EP1586	19970327
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5952545	A	19990914	US 1996-622166	19960327
	CA 2250119	AA	19971002	CA 1997-2250119	19970327
	AU 9726353	A1	19971017	AU 1997-26353	19970327
	AU 726846	B2	20001123		
	EP 889963	A1	19990113	EP 1997-918084	19970327
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000508524	T2	20000711	JP 1997-534052	19970327
PRAI	US 1996-622166	A	19960327		
	WO 1997-EP1586	W	19970327		

=> s cyp72b1
L12 8 CYP72B1

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DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L12
L13 3 DUPLICATE REMOVE L12 (5 DUPLICATES REMOVED)

=> d l13 1-3 ti

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
TI Functional genomics of cytochromes P450 in plants

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
TI Arabidopsis **CYP72B1** cytochrome P450 and cDNA and transgenic plants with altered brassinosteroid signaling

L13 ANSWER 3 OF 3 MEDLINE DUPLICATE 1
TI BAS1: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis.

=> d l13 1-3 bib

L13 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
AN 2002:773122 CAPLUS
DN 138:101387
TI Functional genomics of cytochromes P450 in plants
AU Feldmann, Kenneth A.; Choe, Sunghwa; Kim, Hobang; Park, Joon-Hyun
CS Ceres, Inc., Malibu, CA, 90265, USA
SO Recent Advances in Phytochemistry (2002), 36(Phytochemistry in the Genomics and Post-Genomics Eras), 125-143
CODEN: RAPHBE; ISSN: 0079-9920
PB Elsevier Science Ltd.
DT Journal; General Review
LA English
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
AN 2000:666856 CAPLUS
DN 133:248073
TI Arabidopsis **CYP72B1** cytochrome P450 and cDNA and transgenic plants with altered brassinosteroid signaling
IN Neff, Michael M.; Chory, Joanne
PA The Salk Institute for Biological Studies, USA
SO PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000055302	A2	20000921	WO 2000-US6915	20000316
	WO 2000055302	A3	20010111		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1163324	A2	20011219	EP 2000-918007	20000316
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002538817	T2	20021119	JP 2000-605720	20000316
	US 6534313	B1	20030318	US 2000-527073	20000316
	US 2002073446	A1	20020613	US 2001-992901	20011114
PRAI	US 1999-124570P	P	19990316		
	US 1999-170931P	P	19991214		
	US 1999-172832P	P	19991220		
	US 2000-527073	A3	20000316		
	WO 2000-US6915	W	20000316		

L13 ANSWER 3 OF 3 MEDLINE DUPLICATE 1
AN 2000079651 MEDLINE
DN 20079651 PubMed ID: 10611382
TI BAS1: A gene regulating brassinosteroid levels and light responsiveness in Arabidopsis.
AU Neff M M; Nguyen S M; Malancharuvil E J; Fujioka S; Noguchi T; Seto H; Tsubuki M; Honda T; Takatsuto S; Yoshida S; Chory J
CS Plant Biology Laboratory, The Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA.
NC GM17577 (NIGMS)
RO1GM52413 (NIGMS)
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1999 Dec 21) 96 (26) 15316-23.
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L3 35 S L1 AND L2
L4 9 DUPLICATE REMOVE L3 (26 DUPLICATES REMOVED)
L5 28 S BAS1 AND PLANT
L6 157 S BAS1
L7 13 DUPLICATE REMOVE L5 MEDLINE (15 DUPLICATES REMOVED)
L8 13 DUPLICATE REMOVE L5 (15 DUPLICATES REMOVED)
L9 92 S BRASSINOSTEROID AND CYTOCHROME
L10 87 S L9 NOT L5
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